

CLEANPOXY

DHDC-6400(S) Solvent Free Epoxy



This paint is a non-solvent-based epoxy paint based on the epoxy-modified amine resin, which can form a strong dry film. It is excellent in adhesion, appearance, durability and chemical resistance, and airless spraying is possible. In particular, since 500 μ m-thick coating is possible with one coat, and the smoothness of the film is good, it is a premium non-solvent-based epoxy lining paint that is suitable as a concrete floor paint.

Usage

Interior dust-proofing floor primer for concrete floors

Specification

Paint type	Modified epoxy / Modified amine (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	10 hours	5 hours	3 hours
	Dry-through	48 hours	24 hours	18 hours
	Over-coat (Min.)	72 hours	48 hours	24 hours
	Over-coat (Max.)	9 days	4 days	3 days
	Pot life	60 minutes	30 minutes	20 minutes
	Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site. The film that has passed the maximum follow-up coating time may have adhesion failure. Please apply after checking the proper surface treatment and adhesion.			
Thinner	Not Applicable	Dilution ratio	▷No dilution ▷In case of high viscosity in the winter season, dilute within the volume ratio 5%	
Specific gravity	Approx. 1.50 (Grey, white)			
Theoretical Coverage	Between 2~5 m2 per Lt	Solid volume ratio	96±3 %	
Colour	Grey, white, other ordered colours	Thickness of dried film	0.25~1.0 mm	
Mixing ratio	Base(A)/Hardener(B)=2.83:1 (Volume ratio) 5:1 (Weight)	Gloss	Glossy	
Shelf life	12 months (after this time check for suitability)	Packaging unit	16L (Compounds)	

How to Use

Surface treatment	1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%. 2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.
Coating Conditions	1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less, Moisture content in the concrete: 6% or less 2. Please note that due to the nature of epoxy paint, discoloration and chalking may occur if exposed to the outdoor environment. 3. Injection pressure : More than 3000 psi(210kgf/cm ²) 4. The use of a thinner more than the recommended amount causes a further delay in drying, decline in hardness, whitening, skid marks, etc.
Coating Method	1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer. 2. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer. 3. Apply uniformly with airless equipment. Appropriate construction specifications ▷Primer : CLEANPOXY CLEAR PRIMER, CLEANPOXY PENETRATING PRIMER DNY-200 ▷Lining : CLEANPOXY DHDC-6400(S) ▷Top coat : CLEANPOXY 3100, CLEANPOXY COATING, Urethane (if necessary)